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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/618,513	07/11/2003	James Owen	BEAS-01360US1	6597

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EXAMINER
PARTHASARATHY, PRAMILA

ART UNIT	PAPER NUMBER
2136	

DATE MAILED: 04/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	10/618,513	OWEN ET AL.
	Examiner	Art Unit	
	Pramila Parthasarathy	2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _18 March 2005_.

2a)☒ This action is **FINAL.**   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-59_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-59_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1.   This action is in response to the communication filed on March 18, 2005. Claims

1– 59 were previously presented. No new claims were added. Claims 1, 11, 30, 40 and

50 were amended.

Information Disclosure Statement

2.   The information disclosure statements filed on 1/03/05, 2/07/05 and 3/18/2005

fails to comply with 37 CFR 1.97(c) because they lack the fee set forth in 37

CFR 1.17(p). They have been placed in the application file, but the information referred

to therein has not been considered. Applicant has been informed regarding IDS on

March 28, 2005.

Response to Arguments

3.   Applicant's arguments filed on October 26, 2004 have been fully considered but

they are not persuasive for the following reasons.

4.   Applicant argued that the cited prior art [Park et al. (U.S. Publication number 2004/0024812, hereafter "Park")] do not teach, suggest or disclose "integrating into the VCR each one of said plurality of content repositories whose authorization information indicates successful authorization; wherein each one of said plurality of content repositories expresses a first set of services to enable its integration into the VCR", incorporating each one of said plurality of content repositories into a hierarchical namespace and wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into the VCR" and "extending a content model to include content from each one of said plurality of content repositories".

5.   Regarding amended independent Claims 1, Park discloses, "integrating into the VCR each one of said plurality of content repositories whose authorization information indicates successful authorization", the user session management function includes checking the authority of a user access to a particular content (Page 6 paragraph [0070]) wherein each one of said plurality of content repositories expresses a first set of services to enable its integration into the VCR", the containers stored in a directory may have configuration (set of services), (Page 2 paragraph [0028] and Page 4 paragraph [0041 – 0044 and 0052]), and "wherein the VCR is a logical representation of the plurality of content repositories such that the plurality of content repositories behave as a single content repository", the service configuration includes configuring various content to be included in a service in internal expression storing them in the repository and publishing the content stored in the repository as a program (single content

repository) (Page 2 paragraph [0030], Page 3 paragraph [0031] and Page 5 paragraph [0064]).

6.   Regarding amended independent Claims 11, Park discloses, "incorporating each one of said plurality of content repositories into a hierarchical namespace", the containers are stored in a directory having a hierarchical structure (namespace), and the dictionary may include one or more sub-directories (Page 3 paragraph [0035], [0038] and [0041]) and "wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into the VCR", the containers stored in a directory may have configuration (set of services), (Page 2 paragraph [0028] and Page 4 paragraph [0041 – 0044 and [0048 – 0052], (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]). Park further discloses, "wherein the VCR is a logical representation of the plurality of content repositories such that the plurality of content repositories behave as a single content repository", the service configuration includes configuring various content to be included in a service in internal expression storing them in the repository and publishing the content stored in the repository as a program (single content repository) (Page 2 paragraph [0030], Page 3 paragraph [0031] and Page 5 paragraph [0064]).

7.   Regarding independent Claims 21, Park discloses, "wherein the namespace is hierarchical and spans said plurality of content repositories", the containers are stored in a directory having a hierarchical structure (namespace), and the dictionary may include

one or more sub-directories (Page 3 paragraph [0035], [0038] and [0041]); and "wherein each one of said plurality of content repositories exposes a set of services to enable its integration into a virtual content repository (VCR)", the containers stored in a directory may have configuration (set of services), (Page 2 paragraph [0028], Page 4 paragraph [0041 – 0044 and [0048 – 0052]) (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]).

8.   Regarding amended independent Claims 30, 40 and 50, Park discloses, "for incorporating each one of said plurality of content repositories into a hierarchical namespace", the containers are stored in a directory having a hierarchical structure (namespace), and the dictionary may include one or more sub-directories (Page 3 paragraph [0035], [0038] and [0041]); "for extending a content model to include content from each one of said plurality of content repositories")", the containers stored in a directory may have configuration (set of services), (Page 2 paragraph [0028], Page 4 paragraph [0041 – 0044 and [0048 – 0052]) (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]); and

"wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into the VCR", the containers stored in a directory may have configuration (set of services), (Page 2 paragraph [0028] and Page 4 paragraph [0041 – 0044 and [0048 – 0052], (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]).

9.   Applicant clearly has failed to explicitly identify specific claim limitations, which

would define a patentable distinction over prior arts. Therefore, the examiner

respectfully asserts that CPA does teach or suggest the subject matter broadly recited

in independent claims 1, 11, 21, 30, 40 and 50. Dependent claims 2 – 10, 12 – 20, 22 –

29, 31 – 39, 41 – 49 and 51 – 59 are also rejected at least by virtue of their dependency

on independent claims and by other reason set forth in this and previous (August 24,

2004) office action. Accordingly, the rejection for the pending Claims 1 – 59 is

respectfully maintained.

Claim Rejections - 35 USC § 102

(e) the invention was described in a patent granted on an application for patent by another filed in the
United States before the invention thereof by the applicant for patent, or on an international application
by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this
title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act

of 1999 (AIPA) and the Intellectual Property and High Technology Technical

Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting

directly or indirectly from an international application filed before November 29, 2000.

Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior

to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

10.   Claims 1-59 are rejected under 35 U.S.C. 102(e) as being anticipated by Park et al. (Publication number US 2004/0024812).

11.   Regarding Claim 1, Park teaches and describes a method for integrating a plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1 paragraph [0011] – Page 20 paragraph [0077]), comprising:

providing credential information to each one of said plurality of content repositories (Page 4 paragraph [0049] ; Page 5 paragraph [0058] and Page 6 paragraph [0070;])

receiving authorization information from each one of said plurality of content repositories, wherein the authorization information indicates whether or not an authorization procedure succeeded (Page 6 paragraphs [0068 – 0070] and Page 21 Claim 1 and 5 and Page 22 Claim 11);

integrating into the VCR each one of said plurality of content repositories whose authorization information indicates successful authorization; wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into the VCR (Page 5 paragraphs [0055 – 0069] and Page 6 paragraphs [0066 – 0077]); and

wherein the VCR is a logical representation of the plurality of content repositories such that the plurality of content repositories behave as a single content repository (Page 2 paragraph [0030], Page 3 paragraph [0031] and Page 5 paragraph [0064]).

12.   Regarding Claim 11, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), comprising:

authorizing each one of said plurality of content repositories (Page 5 paragraph

[0055 – 0069] and Page 6 paragraph [0066 – 0077]);

incorporating each one of said plurality of content repositories into a hierarchical

namespace (Page 3 paragraph [0035], [0038] and [0041]);

extending a content model to include content from each one of said plurality of

content repositories (Page 3 paragraph [0031], [0035], and [0038]) ;

wherein each one of said plurality of content repositories exposes a first set of

services to enable its integration into the VCR (Page 4 paragraph [0048]) and

wherein the VCR is a logical representation of the plurality of content repositories

such that the plurality of content repositories behave as a single content repository

(Page 2 paragraph [0030], Page 3 paragraph [0031] and Page 5 paragraph [0064]).

13.   Regarding Claim 21, Park teaches and describes a method of organizing content

stored in a plurality of content repositories into a virtual content repository namespace

wherein said content is represented by at least one node (Fig.1 – 7; Page 1 paragraph

[0011] – Page 20 paragraph [0077]), said method comprising:

providing a first identifier that uniquely identifies said at least one node within one

of said plurality of content repositories (Page 6 paragraph [0071 – 0077]);

providing a second identifier that uniquely identifies said at least one node within said namespace (Page 3 paragraph [0038 – 0041] and Page 6 paragraph [0071 – 0077]);

wherein the namespace is hierarchical and spans said plurality of content repositories (Page 3 paragraph [0038 – 0041]); and

wherein each one of said plurality of content repositories exposes a set of services to enable its integration into a virtual content repository (VCR) (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]).

14.   Regarding Claim 30, Park teaches and describes a system comprising:

means for authorizing each one of said plurality of content repositories (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]);

means for incorporating each one of said plurality of content repositories into a hierarchical namespace (Page 3 paragraph [0035], [0038] and [0041]);

means for extending a content model to include content from each one of said plurality of content repositories (Page 3 paragraph [0031], [0035] and [0038]); and

wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into a VCR (Page 4 paragraph [0048]).

15. Regarding Claim 40, Park teaches and describes a machine readable medium having instructions stored thereon that when executed by a processor cause a system to:

authorize each one of said plurality of content repositories (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]);

incorporate each one of said plurality of content repositories into a hierarchical namespace (Page 3 paragraph [0035], [0038] and [0041]);

extend a content model to include content from each one of said plurality of content repositories (Page 3 paragraph [0031], [0035], and [0038]); and

wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into a virtual content repository (VCR) (Page 4 paragraph [0048]); and

wherein the VCR is a logical representation of the plurality of content repositories such that the plurality of content repositories behave as a single content repository (Page 2 paragraph [0030], Page 3 paragraph [0031] and Page 5 paragraph [0064]).

16. Regarding Claim 50, Park teaches and describes a computer data signal embodied in a transmission medium, comprising:

a code segment including instructions to authorize each one of said plurality of content repositories (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]);

a code segment including instructions to incorporate each one of said plurality of

content repositories into a hierarchical namespace (Page 3 paragraph [0035], [0038]

and [0041]);

a code segment including instructions to extend a content model to include

content from each one of said plurality of content repositories (Page 3 paragraph [0031],

[0035], and [0038]); and

wherein each one of said plurality of content repositories exposes a first set of

services to enable its integration into a virtual content repository (VCR) (Page 4

paragraph [0048]); and

wherein the VCR is a logical representation of the plurality of content repositories

such that the plurality of content repositories behave as a single content repository

(Page 2 paragraph [0030], Page 3 paragraph [0031] and Page 5 paragraph [0064]).

17.   Claims 2, 13, 32, 42 and 52 are rejected as applied above in rejecting claims 1,

11, 31, 41 and 51. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein:

the credential information includes a username and a password (Page 4

paragraph [0049]).

18. Claims 3, 14, 33, 43 and 53 are rejected as applied above in rejecting claims 1,

11, 31, 41 and 51. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein:

the credential information is based on Java Authentication and Authorization

Service (JAAS) (Page 4 paragraph [0049] and Page 6 paragraph [0070]).

19. Claims 4, 15, 34, 44 and 54 are rejected as applied above in rejecting claims 1,

11, 31, 41 and 51. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein:

the first set of services accepts the credential information (Page 4 paragraph

[0049]).

20. Claims 5, 16, 35, 45 and 55 are rejected as applied above in rejecting claims 1,

11, 31, 41 and 51. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein:

the first set of services provides the authorization information (Page 4 paragraph

[0049] and Page 6 paragraph [0070]).

21.   Claims 6, 17, 36, 37, 46 and 56 are rejected as applied above in rejecting claims

1, 11, 30, 40 and 50. Furthermore, Park teaches and describes a method for integrating

a plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page

1 paragraph [0011] – Page 20 paragraph [0077]), wherein:

    each one of said plurality of content repositories exposes a second set of

services that is related to implementing a model of information in the content repository;

and wherein the model is compatible with a VCR content model (Page 5 paragraph

[0058 – 0060]).

22.   Claim 7 is rejected as applied above in rejecting claim 1. Furthermore, Park

teaches and describes a method for integrating a plurality of content repositories into a

virtual content repository (VCR) (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), further comprising:

    providing a VCR content model; and wherein each one of said plurality of content

repositories exposes a second set of services related to extending the VCR content

model to include information in the content repository (Page 3 paragraph [0031], [0035],

[0038] and Page 5 paragraph [0058 – 0061]).

23.   Claim 8 is rejected as applied above in rejecting claim 1. Furthermore, Park

teaches and describes a method for integrating a plurality of content repositories into a

virtual content repository (VCR) (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein integrating into the VCR each one of said plurality of content

repositories includes:

providing a hierarchical namespace spanning said plurality of content

repositories (Page 3 paragraph [0035], [0038] and [0041]).

24. Claim 9 is rejected as applied above in rejecting claim 1. Furthermore, Park

teaches and describes a method for integrating a plurality of content repositories into a

virtual content repository (VCR) (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein integrating into the VCR each one of said plurality of content

repositories includes:

providing a content model related to representing content in each one of said

plurality of content repositories. (Page 3 paragraph [0031], [0035], [0038] ; Page 4

paragraph [0048] and Page 5 paragraph [0058 – 0061]).

25. Claims 10, 18, 39, 47 and 57 are rejected as applied above in rejecting claims 1,

11, 38, 40 and 50. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein integrating into the VCR each

one of said plurality of content repositories includes:

providing for mapping of requests on the VCR to one of said plurality of

repositories (Page 6 paragraph [0067 – 0077]).

26.   Claims 12, 31, 41 and 51 are rejected as applied above in rejecting claims 11,

30, 40 and 50. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein authorization comprises:

providing credential information to each of said plurality of content repositories

(Page 4 paragraph [0049] ; Page 5 paragraph [0058] and Page 6 paragraph [0070;]);

and

receiving authorization information from each of said plurality of content

repositories (Page 6 paragraphs [0068 – 0070] and Page 21 Claim 1 and 5 and Page

22 Claim 11).

27.   Claims 19, 38, 48 and 58 are rejected as applied above in rejecting claims 11,

30, 40 and 50. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein incorporating each one of said

plurality of content repositories into the hierarchical namespace comprises:

1) a first identifier that uniquely identifies the content within one of said plurality

of content repositories (Page 6 paragraph [0071 – 0077]);

2) a second identifier that uniquely identifies the content within the namespace

(Page 3 paragraph [0038 – 0041] and Page 6 paragraph [0071 – 0077]);

28. Claims 20, 49 and 59 are rejected as applied above in rejecting claims 19, 48

and 58. Furthermore, Park teaches and describes a method for integrating a plurality of

content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1 paragraph

[0011] – Page 20 paragraph [0077]), further comprising:

providing for mapping of requests on content to one of said plurality of

repositories (Page 6 paragraph [0067 – 0077]); and wherein the mapping is based on at

lest one of:

1) the first identifier associated with the content (Page 6 paragraph [0071 –

0077]); and

2) the second identifier associated with the content (Page 6 paragraph [0071 –

0077]).

29. Claim 22 is rejected as applied above in rejecting claim 21. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

the second identifier is a path (Page 6 paragraph [0074 and 0077]).

30. Claim 23 is rejected as applied above in rejecting claim 21. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

the VCR represents said plurality of content repositories as a single repository

(Page 3 paragraph [0041]).

31. Claim 24.is rejected as applied above in rejecting claim 21. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

said at least one node is associated with at least one property (Page 6 paragraph

[0074].

32. Claim 29 is rejected as applied above in rejecting claim 21. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

said at least one node can be hierarchically related to other nodes in the VCR

(Page 3 paragraph [0041]).

33.   Claim 25 is rejected as applied above in rejecting claim 24. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

a property is an association between a name and at least one value (Page 6

paragraph [0074]).

34.   Claim 26 is rejected as applied above in rejecting claim 24. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

said at least one property is associated with at least one property definition (Page

6 paragraph [0074]).

35.   Claim 27 is rejected as applied above in rejecting claim 26. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

a property definition can specify for a property at least one of the following

attributes:

property choices;

a reference;

a data type;

whether the property is mandatory;

whether the property is multi-valued;

whether the property is primary;

whether the property is read-only; and

whether the property is restricted

(Page 6 paragraph [0074]).

36.   Claim 28 is rejected as applied above in rejecting claim 26. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

there is one property definition for each property associated with said at least one

node (Page 6 paragraph [0074]).

Conclusion

37.   THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

38. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Pramila Parthasarathy whose telephone number is 571-

272-3866. The examiner can normally be reached on Tuesday – Thursday 8:00a.m. To

3:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ayaz Sheikh can be reached on 571-232-3795. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR only. For more

information about the PAIR system, contact the Electronic Business Center (EBC) at

866-217-9197 (toll-free).

Pramila Parthasarathy
March 29, 2005.

AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100